

9/24/03-00933

AGENDA

RESTORATION ADVISORY BOARD (RAB)

**For the
Installation Restoration Program (IRP)
Naval Amphibious Base, Little Creek
Norfolk, Virginia**

**CH2MHILL Conference Room, 5700 Thurston Avenue Suite 120
(Corner of Diamond Spring Road & Thurston Avenue)
Wednesday, September 24th, 2003, 2:00 PM**

RESTORATION ADVISORY BOARD (RAB)

TOPIC

SPEAKER

WELCOME/Regional Update

John Ballinger/Valerie Walker
Regional Environmental Group

IR SITE UPDATE

Matt Louth
CH2MHILL

BREAK

FY03 Accomplishments/FY04 Goals

Dawn Hayes
LANTDIV

**Roundtable
(ROD Update/ASTDR Report/Site 11 Pilot Study)**

Dawn Hayes
LANTDIV

Questions/Schedule Future RAB Meeting

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Current Status IR Program
Fiscal Year 2003 Accomplishments
Fiscal Year 2004 Goals
NAB Little Creek, Virginia Beach



Restoration Advisory Board Meeting
September 24, 2003



Current Status of the IR Program at NAB Little Creek

- **Goal**
 - **Provide information on IR Program currently being conducted at NAB Little Creek**
 - **Present the Fiscal Year (FY) 2003 accomplishments**
 - **Outline the FY04 partnering team goals**
 - **Solicit questions or comments from Restoration Advisory Board (RAB) participants**



Current Status of the IR Program at NAB Little Creek

- Federal Facilities Agreement (FFA)
- Final document submitted in March 2003 for authorization
- Legal negotiations between DOD and EPA are ongoing
- Signature date pending



Current Status of the IR Program at NAB Little Creek

- Record of Decision (ROD)

- Final document submitted in March 2003 for Sites 9 & 10
- Legal negotiations between DOD and EPA regarding post ROD authority
- Status of FFA paralleling ROD



Current Status of the IR Program at NAB Little Creek

- Enterprise System for NAB Little Creek
- Key components include: Project Management, Base Contacts, and Document Management, Administrative Record, Activity Calendar
- Online commenting available for draft document review



Current Status of the IR Program at NAB Little Creek

- Site 7 - Former Amphibious Base Landfill

- Long Term Monitoring (LTM) continues biannually
- Draft Revised Remedial Investigation (RI)/Human Health Risk Assessment (HHRA) submitted in February 2003; Ecological Risk Assessment (ERA) December 2002
- Response to EPA and VDEQ comments were discussed at July partnering session
- Draft Engineering Evaluation/Cost Analysis (EE/CA) to be submitted based on comment resolution



Current Status of the IR Program at NAB Little Creek

- Site 8 - Former Demolition Debris Landfill

- Surface debris removal and RI sampling activities completed in January/February 2002
- Draft RI/HHRA submitted in January 2003; Draft ERA submitted in February 2003
- Response to EPA and VDEQ comments were discussed at July partnering session
- Draft FS to be submitted following comment resolution to determine path forward for the site



Current Status of the IR Program at NAB Little Creek

- Sites 9 & 10 - Driving Range and Sewage Treatment Plan Landfills

- ROD still pending signature
- Land use control signs installed at each site
- LTM sampling continues annually; next event scheduled for July 2004



Current Status of the IR Program at NAB Little Creek

- Site 11 - School of Music Plating Shop

- University groups completed Cyclodextrin pilot study in summer 2002
- Draft Final Supplemental Remedial Investigation (SRI) submitted in October 2002
- Post pilot study groundwater monitoring conducted
- Hot spot evaluation to assess groundwater conditions to be conducted in September 2003



Current Status of the IR Program at NAB Little Creek

- Site 11a - Area North of Site 11

- TCE groundwater delineation completed in August 2002
- Potential pilot study options are currently being assessed
- Site-wide groundwater delineation to be completed in September 2003



Current Status of the IR Program at NAB Little Creek

- Site 12 - Former Laundry Facility

- PCE groundwater delineation completed in August 2001
- Groundwater modeling and evaluations completed in 2002
- Draft FS submitted in April 2003
- Evaluating remedial alternatives for site clean-up



Current Status of the IR Program at NAB Little Creek

- Site 13 - Former PCP Dip Tank

- Groundwater pilot study completed in 2002
- Significant reduction of PCP within the groundwater
- Draft FS submitted in July 2003
- Additional delineation activities to be conducted in September 2003
- Potential Treatability study to be completed during FY04



Current Status of the IR Program at NAB Little Creek

- SWMU 3 - Former Abrasive Blast Material Area

- Final RI work plan completed in 2002
- RI field activities completed in August 2002
- Data evaluation presented to partnering team at January/June 2003 meetings
- Draft RI/HHRA/ERA to be submitted in September 2003



Current Status of the IR Program at NAB Little Creek

- SMWU 7 - Former Abrasive Blast Material Area

- Final RI work plan completed in 2002
- RI field activities completed in August 2002
- Data evaluation presented to partnering team at January/June 2003 meetings
- Draft RI/HHRA/ERA to be submitted in August 2003



Current Status of the IR Program at NAB Little Creek

- SWMU 8 - Former Abrasive Blast Material Area

- Final RI work plan completed in 2002
- RI field activities completed in August 2002
- Data presented to partnering team
- Draft RI/HHRA/ERA to be submitted in September 2003



Current Status of the IR Program at NAB Little Creek

- Appendix B Sites - Site 14, AOCs H, I, and J

- Draft technical memorandum presented to partnering team in April 2003; site visit conducted on May 16, 2003 to assess site conditions
- Partnering team developed work plan during June 2003 meetings
- Field activities completed in July 2003; preliminary results presented at September meeting
- Additional Appendix B site evaluations planned for FY04



Current Status of the IR Program at NAB Little Creek

- FY04 Site Management Plan (SMP)
 - SMP details past and future (5 years) IR work planned for NAB Little Creek
 - Final SMP submitted on June 30, 2003



Fiscal Year 2003 Accomplishments for NAB Little Creek

- Submit Background Sampling Addendum**
- Submit Draft RI/HHRA for Site 7**
- Submit Draft Site 8 RI/HHRA**
- Submit Draft ERA for Site 8**
- Submit Draft Site 12 FS**



Fiscal Year 2003 Accomplishments for NAB Little Creek

- Evaluate 4 Appendix B Sites (AOCs H, I, J, SITE 14)**
- Submit Draft RI/HHRA/ERA for SWMUs 3 and 8**
- Submit Draft RI/HHRA Report for SWMU 7**
- Submit Final SMP for FY04**



Fiscal Year 2004 Partnering Team Goals for NAB Little Creek

- Final Site 7 RI/HHRA
- Final Site 8 RI/HHRA
- Final Site 12 FS
- Final SMP
- Draft Site 7 EE/CA
- Site 13 Treatability Study



Fiscal Year 2004 Partnering Team Goals for NAB Little Creek

- Implement Site 11a Pilot Study
- Draft SWMU 7 EE/CA
- Final TM for SWMU 8 Sediment Delineation
- Final SMWU 3 RI/HHRA/ERA
- Final SMWU 7 RI/HHRA/ERA



Fiscal Year 2004 Partnering Team Goals for NAB Little Creek

- Final SMWU 8 RI/HHRA/ERA
- NAB Little Creek success story
- Evaluate 3 Appendix B sites



Conclusion

- **Questions???**